

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	412440	(gas\$4 or fluid\$4 or liquid\$4) with (fine adj particle\$4 or matter\$4 or substance\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:13
L2	7708	((219/121.63) or (219/121.64) or (219/121.67) or (219/121.68) or (219/121.69) or (219/121.70) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/10 11:14
L3	190	L2 and 1	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:14
L4	1020432	nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:14
L5	93	3 and L4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:14
L6	252308	(gas\$4 or fluid\$4) with (fine adj particle\$4 or matter\$4 or substance\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:20
L7	1161642	laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:21

L8	23623	6 and L7	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:21
L9	150	8 and 2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:21
L10	514555	(gas or gases or fluid or fluids) with (makeup or mixture)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:25
L11	346	2 and 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:25
L12	184	4 and 11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:26
L13	270905	(gas or fluid) with (particle or particles)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:34
L14	31096	7 and 13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:34
L15	8630	4 and 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:34

L16	126	2 and 15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:34
L17	28366	(gas or fluid) with (impur\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:38
L18	10	2 and 17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/10 11:38
S1	6	"532241".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/07 10:59
S2	1	US-20060108341-\$. did.	DERWENT	OR	ON	2009/04/07 11:01
S3	1956	(219/121.6).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/08 16:05
S4	7707	((219/121.63) or (219/121.64) or (219/121.67) or (219/121.68) or (219/121.69) or (219/121.70) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/08 16:05
S5	1100	(219/121.84).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/08 16:06
S6	306	B23K26/14.ipc.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:18

S7	3	"526021".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:28
S8	3	("6914213").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/08 16:33
S9	1160960	laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:45
S10	1020149	nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:45
S11	58966	S9 and S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:48
S12	135	S11 and S6	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:48
S13	135	(US-20090084765-\$ or US-20080308538-\$ or US-20080271733-\$ or US-20080257872-\$ or US-20080237207-\$ or US-20080230523-\$ or US-20080179300-\$ or US-20080169275-\$ or US-20080135532-\$ or US-20080099452-\$ or US-20080096367-\$ or US-20080079223-\$ or US-20080067159-\$ or US-20070278195-\$ or US-20070235429-\$ or US-20070228025-\$ or US-20070210040-\$	US-PGPUB; USPAT; FPRS; JPO	OR	ON	2009/04/08 16:53

or US-20070193990-\$
or US-20070193988-\$
or US-20070193981-\$
or US-20070187374-\$
or US-20070151958-\$
or US-20070151957-\$
or US-20070145026-\$
or US-20070108167-\$
or US-20070095804-\$).did. or (US-
20070084839-\$ or US-
20070056941-\$ or US-
20070051709-\$ or US-
20070045258-\$ or US-
20070039930-\$ or US-
20070023405-\$ or US-
20070012669-\$ or US-
20070012668-\$ or US-
20070000888-\$ or US-
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20060266740-\$ or US-
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20060081576-\$ or US-
20060081575-\$ or US-
20060081562-\$ or US-
20060065650-\$ or US-
20060054605-\$ or US-
20060049156-\$ or US-
20060037946-\$ or US-
20060032841-\$).did.
or (US-7358457-\$ or
US-7321104-\$ or US-
7319204-\$ or US-
7307237-\$ or US-
7294807-\$ or US-
7259353-\$ or US-
7247812-\$ or US-
7241965-\$ or US-
7223935-\$ or US-
7220938-\$ or US-
7214904-\$ or US-
7186946-\$ or US-
7170029-\$ or US-
7164098-\$ or US-
7154530-\$ or US-
7129441-\$ or US-
7112761-\$ or US-
7067759-\$ or US-
7038164-\$ or US-
7038162-\$ or US-

7038161-\$ or US-
7022941-\$).did. or
(JP-62021493-\$).did.
or (JP-2008254018-\$
or JP-2008194846-\$
or JP-2008194845-\$
or JP-2008194705-\$
or JP-2008188618-\$
or JP-2008178895-\$
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or JP-2007283363-\$
or JP-2007275982-\$
or JP-2007268610-\$
or JP-2007268570-\$
or JP-2007260708-\$
or JP-2007253216-\$).
did. or (JP-
2007253158-\$ or JP-
2007216281-\$ or JP-
2007185694-\$ or JP-
2007147837-\$ or JP-
2007144491-\$ or JP-
2007111773-\$ or JP-
2007111729-\$ or JP-
2007109943-\$ or JP-
2007069219-\$ or JP-
2007061914-\$ or JP-
2007061861-\$ or JP-
2007030008-\$ or JP-
2007029980-\$ or JP-
2007021574-\$ or JP-
2007021531-\$ or JP-
2007021505-\$ or JP-
2007021503-\$ or JP-
2006347168-\$ or JP-
2006341259-\$ or JP-
2006326615-\$ or JP-
2006312197-\$ or JP-
2006289401-\$ or JP-
2006255769-\$ or JP-
2006255728-\$ or JP-
2006247660-\$ or JP-
2006218544-\$ or JP-

		2006175491-\$).did. or (JP-2006167727-\$ or JP-2006167725-\$ or JP-2006123005-\$ or JP-2006068773-\$ or JP-2006035283-\$ or JP-2006026671-\$ or JP-2006007280-\$). did.				
S14	135	S13 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:54
S15	135	S13 and laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:54
S16	13158	S9 with S10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:55
S17	120	S16 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 16:55
S18	244	S16 and S3	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 17:35
S19	1015	S16 and S4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 17:35
S20	510	S16 and S5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 17:35

S21	816	S19 and (fluid or gas or gases or fluids)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 17:38
S22	83	S21 and (circ\$4 with diameter\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/08 17:40
S23	7708	((219/121.63) or (219/121.64) or (219/121.67) or (219/121.68) or (219/121.69) or (219/121.70) or (219/121.71) or (219/121.72)).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 11:29
S24	1161642	laser	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29
S25	1020432	nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29
S26	13164	S24 with S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29
S27	1016	S26 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29
S28	817	S27 and (fluid or gas or gases or fluids)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29

S29	83	S28 and (circ\$4 with diameter\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29
S30	83	S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:29
S31	5864173	(coaxial\$4 or axial\$4 or concentric\$4 or adjacent or homocentric\$4 or coincident)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:54
S32	1123	S24 with S31 with S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 11:56
S33	2676	S24 same S31 same S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:01
S34	53407	S24 with S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:02
S35	1123	S34 with S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:02
S36	284	S35 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:02

S37	196	S36 and diameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:03
S38	88029	nozzle with diameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:04
S39	111	S36 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 12:04
S43	2	("4564736").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 14:06
S44	2	("5477026").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 14:08
S45	2	("4724299").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 14:09
S46	2	("5424508").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 14:11
S47	7	"770563".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:11

S50	7	"550024".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:18
S51	3	"265647".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:19
S52	6	"939280".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:19
S53	5	"486549".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:20
S54	6	"262068".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:21
S55	6	"741114".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 14:21
S56	2	("6169758").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 15:13

S57	100	(US-20060108341-\$ or US-20070278195-\$ or US-20080308538-\$ or US-20070235429-\$ or US-20070210040-\$ or US-20070193988-\$ or US-20070193981-\$ or US-20070151958-\$ or US-20070151957-\$ or US-20070045258-\$ or US-20070039930-\$ or US-20070023405-\$ or US-20070012668-\$ or US-20060278620-\$ or US-20060266740-\$ or US-20060249488-\$ or US-20060175309-\$ or US-20060144834-\$ or US-20060086705-\$ or US-20060049156-\$ or US-20060081568-\$ or US-20060054604-\$ or US-20050133486-\$ or US-20050024743-\$ or US-20040245226-\$ or US-20040232123-\$).did. or (US- 20040169021-\$ or US- 20040094526-\$ or US- 20030213786-\$ or US- 20030155328-\$ or US- 20030132210-\$ or US- 20030029845-\$ or US- 20010019044-\$ or US- 20010019043-\$).did. or (US-6914213-\$ or US-7321104-\$ or US- 7319204-\$ or US- 7307237-\$ or US- 7294807-\$ or US- 7259353-\$ or US- 7247812-\$ or US- 7241965-\$ or US- 7223935-\$ or US- 7220938-\$ or US- 7214904-\$ or US- 7164098-\$ or US- 7038161-\$ or US- 7022941-\$ or US- 7348517-\$ or US- 7273997-\$ or US- 7140216-\$ or US- 7030337-\$ or US- 6927359-\$ or US- 6852946-\$ or US- 6847005-\$ or US-	US-PGPUB; USPAT; DERWENT	OR	ON	2009/04/09 17:56
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		6774338-\$ or US- 6770841-\$ or US- 6770840-\$ or US- 6667459-\$ or US- 6593540-\$).did. or (US-6521865-\$ or US- 6521864-\$ or US- 6369355-\$ or US- 6365871-\$ or US- 6316743-\$ or US- 6281472-\$ or US- 6268584-\$ or US- 6204473-\$ or US- 6124565-\$ or US- 5993554-\$ or US- 5847358-\$ or US- 5818009-\$ or US- 5786561-\$ or US- 5770833-\$ or US- 5651904-\$ or US- 5565120-\$ or US- 5562840-\$ or US- 5424508-\$ or US- 5418350-\$ or US- 5229572-\$ or US- 5220149-\$ or US- 5128508-\$ or US- 4959119-\$ or US- 4913405-\$ or US- 4871897-\$ or US- 4774392-\$ or US- 4724297-\$).did. or (US-4427873-\$ or US- 4403134-\$ or US- 3749878-\$ or US- 3597578-\$ or US- 6504127-\$ or US- 4564736-\$ or US- 5477026-\$ or US- 4724299-\$ or US- 5560577-\$ or US- 6609258-\$ or US- 6169758-\$).did. or (FR-2846581-\$ or EP- 952437-\$).did.				
S58	71	S38 and S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 17:56

S60	3	"265647".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 17:59
S61	6	"457671".ap.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:00
S62	482450	(laser or beam or light) with wavelength \$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:02
S63	2133	S62 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:04
S64	261	S32 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:05
S65	175161	(polychromatic or monochromatic or chromatic or nondivergent\$4 or convergent\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:06
S66	48211	S65 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:08
S67	20	S66 and S32	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:09

S68	2	("7038163").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/04/09 18:12
S69	327	S65 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:28
S70	205	S66 and S23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:29
S71	44	S70 and S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/04/09 18:29

4/ 10/ 2009 1:11:35 PM

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